

North Kent (10 Mile) Landfill

Chronology - Correspondence and Activities

US EPA RECORDS CENTER REGION 5



502539

- 11/30/82 First organic test in monitoring wells - Hartman and Loselle.
- 2/8/83 Second organic result confirm organics - Hartman and Loselle; Outfalls also show organics.
- 3/39/83 Letter - Heyt to Bartlett on monitoring results. Requested additional hydro work, plus other corrective actions; response requested by 4/2/83; stop leachate recycling.
- 4/27/83 Bartlett to Heyt - 12 feet of leachate in manhole, continue to cover and slope; no new monitoring wells.
- 4/14/83 Noncompliance letter to Bartlett from Bantjes on outfalls 007 and 005.
- 5/12/83 Przybysz to Bartlett - Acknowledge 4/27 letter, requested monthly sampling of 53 and 58 and 004 and 005. Stop leachate recycling.
- 5/18/83 Bartlett to Przybysz - Comments on leachate recycling.
- 5/26/85 Bartlett to Przybysz - Leachate line cleaned; outfall sampling monthly; wells 48, 53, 54, and 55 sampled quarterly for organics.
- 6/8/83 EDI - DNR split monitoring well samples.
- 8/22/83 EDI - DNR split monitoring well samples.
- 9/30/83 Heyt to Kemppainen - Department position stated in 9/22/83 meeting.
1) Meet NPDES Permit. 2) Define G.W. contamination.. 3) Closure; 10/14/83 response requested.
- 10/14/83 Kemppainen to Heyt:
1) NPDES outfalls - installed vents, resamples construct ponds, and leachate level detection - electronic sensor.
2) Agree on G.W. contamination-10-15 months to study to solve problem on west side of landfill.
3) Closure in 1987 - Closure will not solve G.W. problem.
- 11/1/83 Janiczek to Bartlett - west side well cluster location - okayed; requested notification of drilling date (never notified).
- 11/3/83 Heyt to Kemppainen - Response to 10/14/82 letter.
1) Outfalls - plans for ponds at 004 and 005 - Question if ponds enough.
2) Groundwater - cannot accept 10-15 months to study problem.
3) Closure - our position is closure of site; will develop draft for review.

Prepared: 4/29/85

Revised: 5/22/85

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- 12/8/83 Przybysz to Despres - Sent draft closure agreement; - request response by 12/1983. Enclosed leachate results collected on 10/5/83.
- 12/7/83 Memo - Heyt to Kakkuri - leachate ponds--possible air quality permit?
- 12/16/83 Despres to Przybysz - Request meeting with DPW board to discuss closure document.
- 12/9/83 Air Samples - leachate sewer - Center and east underdrain.
- 11/28/83 Monitoring well sampling.
- 12/28/83 Meeting with DPW board to discuss closure--nothing finalized; general discussion--will meet in mid-January to develop closure draft.
- 1/30/84 Kemppainen to Heyt - Draft closure agreement not ready. Will submit by 2/15/84, then meet.
- 2/10/84 County version of draft closure plan - Identify clay and G.W. contours by October 15, 1984.
- 4/9/84 Przybysz to Despres - Acknowledge County's version of closure agreement. Disagree with several items.
1) Hydrogeo. would be acceptable if complete work plan and time schedule prepared.
2) Interim cover.
- 4/26/84 Przybysz and Janiczek met with Bartlett and Kemppainen to review well 69 profile; recommended location for piezometer to get H₂O elevation for location of new well.
- 5/10/84 Bartlett to Janiczek - regarding installation of new piezometer.
- 8/7/84 Meeting with Kemppainen and Powell.
- 8/8/84 Przybysz to Kemppainen - Cited lack of organization and progress in identifying 10 Mile groundwater problems - 4 point letter.
1) Hydrogeo
2) Leachate procedures
3) Odor
4) Interim cover
- 8/31/84 Powell to Przybysz - Response to Przybysz's letter of 8/8/84 4 part plan.
Part I - Hydrogeological Work Plan - Phase I - IV
Part II - Leachate - Collection treatment and disposal
Part III - Odor control - (tannery waste, leachate ponds, landfill gas)
Part IV - Interim cover

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- 9/11/84 Janiczek to Kemppainen - Location of cluster well.
- 9/14/84 Powell to Przybysz - Groundwater monitoring results for June, 1984, outfall organics for June - August, 1984.
- 9/19/84 Przybysz to Powell - Review comments on County's 4 part plan.
I - Hydro work plan - requested status report - 11/1/84
II - Leachate collection - 1) trailer operation
2) leachate recycling - pros/cons
III - Odors - requested report by October 30, 1984
- 10/19/84 Powell to Przybysz - comments on 9/19/84 letter.
I - Hydro work plan - 1) phase reports to be provided every other month so no need for status reports. 2) Soil and well location data from Janiczek. 3) Computer data interpretation of M.W. data.
II - Leachate collection, treatment, disposal - 1) Take exception to comments on treatment trailer. 2) Exception to leachate recycling. 3) Sanitary sewer not a valid option now.
III - Odors 1) Foam not good, may be for emergency cover. 2) Building around ponds too expensive. 3) Pond plastic cover.
- 11/8/84 TX-memo - Jousma from Powell. Center underdrain plugged; sediments in pipe due to construction of pond. Inlet velocity too slow.
- 11/19/84 Przybysz to Powell - 1) Phase I report by December 1, 1984.
2) Leachate plans for correction? Submit - Leachate recycling plan.
3) Odor - Plan for odor control. 4) Cover improved.
- 11/28/84 Powell to Przybysz - Delays in Phase I - Submit by December 10, 1984; No delay in other Phases II, III, IV, however.
- 12/18/84 Site inspection - Leachate control system cited for noncompliance.
- 1/30/84 Przybysz to Despres - Notification of date of show cause hearing related to denial of license reissuance.
- 2/4/85 State receives Phase I of hydrogeological report (4 days late).
- 2/6/85 Despres to Przybysz - Justification for Phase I report delay; projection of a minimum 60 day timetable for completion of Phase II; acknowledgement of show cause notification.
- 2/8/85 Sampling of C. Forward's well--no organic contaminants detected.
- 2/15/85 Show cause hearing on license denial involving J. Powell, K. Kemppainen, D. Despres, J. Dewitt (Kent Co.), R. Przybysz, and G. Marx (MDNR).
- 2/28/85 Despres to Marx - Position paper relative to notice of noncompliance and show cause hearing; includes a chronology of correspondence between the DPW and MDNR.

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- 3/7/85 Meeting between MDNR and DPW to discuss Phase II hydrogeological study, leachate system controls and landfill odor control.
- 3/12/85 Heyt to Powell - Acknowledgement of completed license application.
- 3/26/85 PEAS 645-85 - Odor complaint from Mrs. C. Forward; bad odors since 2/1/85.
- 3/18/85 Letter from Powell to Przybysz - Outline of Phase II hydrogeological study plan; discussion of odor sources and remedial measures.
- 4/9/85 Meeting with Groundwater (Heyt, Przybysz, White) and Environmental Enforcement to discuss license renewal.
- 4/20/85 Odor complaint from Mrs. Forward via Rep. Vic Krause; referred Rep. Krause to Beth Bandstra, Kent County Board of Commissioners.
- 4/22/85 Przybysz to J. Holmes, Air Quality, requesting assistance on solving odor problems.
- 4/26/85 Site visit by G. Heyt and R. Gray (MDNR) to investigate earlier odor complaints.
- 5/1/85 Site visit by G. Marx, J. Merrick, R. Gray and B. White. Collection of leachate sludge sample and site evaluation. Blowing dust and ponded water in the fill area identified in the evaluation as non-compliance items.
- 5/3/85 C. Kemppainen to R. Gray - Summary of odor sources and proposed activities relative to the problems.
- 5/8/85 J. Powell to B. White - Rebuttal to 5/1/85 site evaluation non-compliance items.
- 5/15/85 Notice of violation and opportunity to demonstrate compliance - Areas of non-compliance included groundwater and surface water contamination.
- 5/15/85 J. Powell to B. White - Odor control and hydrogeologic work plan update.

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- 5/23/85 Informal hearing (Rogers) between County DPW and MDNR on operating license denial.
- Notice of Violation and staff summary on Act 245 violations submitted to the County.
- 5/30/85 Despres to Marx - Response to Notice of Violation and submission of a proposed closure plan.
- 5/31/85 Truchan to Skoog - Request to commence contested case proceedings to deny renewal and revoke the existing (expired) operating license.
- 6/ 6/85 Formal request from Skoog for assignment of a hearings officer and commencement of formal proceedings.
- 6/12/85 Johns to Truchan - Formal referral of case to Environmental Enforcement Division for escalated action.
- 7/31/85 Powell to White - Telephone progress report for the following areas:
- a. Hydrogeologic studies and well modification.
 - b. Installation of grates in leachate manholes.
 - c. Removal of leachate line blockages.
 - d. Removal of sludges from leachate ponds.
 - e. Modifications to underdrain discharge ponds.
- 8/21/85 Powell to White - Telephone progress report on hydrogeologic work going on on-site, including installation of new wells.
- 8/22/85 White to Powell - Split sample results and leachate sludge data from MDNR sampling events.
- 9/17/85 &
9/20/85 Kent County Health Department to area residents/
Results of water well testing in vicinity of the landfill - no organic contaminants were detected.
- 9/18/85 Landfill quarterly inspection - improper management of contaminated runoff and inadequate intermediate cover cited.

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9/24/85 White to Powell - Inspection report forwarded with summary of the noncompliance areas.

10/ 3/85 Powell to White - Written progress report on site activities and response to the 9/18/85 inspection report.

10/24/85 Peerless Insurance requested release of their surety bond after it was replaced by a new carrier at the County's request.

11/ 4/85 White to Peerless Insurance - Release of the Peerless bond provided.

11/ 8/85 Meeting between representatives of MDNR, Kent County DPW, and Attorney General's Office to attempt to resolve the disputed issues. No agreement was reached on a closure date. MDNR requested a schedule for completion of the hydrogeologic work/report and identified the issues to be addressed in an acceptable closure plan.

The County agreed to provide the hydrogeological study timetable and propose a closure plan.

11/13/85 Kmiecik to White - Copies of the well monitoring data, gamma logs, well modification specification, well logs and resistivity data sent to MDNR as requested.

11/14/85 Powell to White - Telephone/written request to approve sampling of older wells one month early to coincide with sample collection at new wells - Request granted.

11/25/85 Kent County Health Department to Mrs. Brodowski - Low levels of 1,1,1-trichloroethane found in a residential well located west of landfill. Future testing to be done on a regular basis.

11/26/85 Powell to White - Telephone report about the Health Department results for Brodowski well. Well to be monitored twice annually in future. Also reported that Grand Rapids WWTP to continue accepting treated leachate during 1986.

12/ 6/85 Quarterly landfill inspection.

12/18/85 Odor complaint on the site.

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- 1/ 6/86 White to Powell - Copy of the December inspection report provided.
- 2/ 6/86 White to Powell - Request for:
- a. Completion date of the hydrogeologic report.
 - b. Updated well location map.
 - c. November 1985 well sampling results.
- 2/10/86 Powell to White - Response to 2/6/86 letter providing requested materials.
- 2/11/86 White to Powell - Telephone request for static water level measurements for September and November 1985 sampling events. Contour maps made available on the same day.